

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/802,796A  
Source: 2FW16  
Date Processed by STIC: 12/15/2006

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IFW16

## RAW SEQUENCE LISTING

DATE: 12/15/2006

PATENT APPLICATION: US/10/802,796A

TIME: 09:45:12

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Output Set: N:\CRF4\12152006\J802796A.raw

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 5 GORDON, STEPHEN  
 6 BILLAULT, ALAIN  
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 10 DNA LIBRARY. APPLICATION TO THE DETECTION OF  
 11 MYCOBACTERIA  
 13 <130> FILE REFERENCE: 03495.0320-01  
 15 <140> CURRENT APPLICATION NUMBER: 10/802,796A  
 16 <141> CURRENT FILING DATE: 2004-03-18  
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 19 <151> PRIOR FILING DATE: 2000-11-30  
 21 <150> PRIOR APPLICATION NUMBER: PCT/IB99/00740  
 22 <151> PRIOR FILING DATE: 1999-04-16  
 24 <150> PRIOR APPLICATION NUMBER: 09/060,756  
 25 <151> PRIOR FILING DATE: 1998-04-16  
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CPR-617

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227 gttccgtcgt cgaggcgaac gttgtgggcg gtgaattgta ccgcgccggc cgaatgttcc 11460
228 tgtgccatca cttggttagc ccttcggct ggtcctgggt ttgtcgacat ggtcaggctc 11520
229 gacagccgcg tcggagccgg gagggccaca catccacgag cccctgcgg ctccgctcgt 11580
230 cggcgccgag cttgcgccac tgggtcttga gccgccgcgc ggggtgctgcc ccgcggtgct 11640
231 gcagcgccag catggcgatc cgggggatgg gcgcgatggt ttcctgcagc gcggcgccgc 11700
232 cctccggggc tggaaacttg gcgatctggc gaaggatcca gtcggccatg acggcgatga 11760
233 gtcctcgcg cgcggggtct cccgggaaca ggtcgagcat cgcgtcaaac gtcgccgat 11820
234 gccccggacc ctgcgtcaac cagaactttg gcgggtccac cacctggttg tgccacatgc 11880
235 cttgggcgtg gcggcgatc acggccatgg tgcgggcaa catggcgatg tcgccatgca 11940
236 ccgcgtgccc gacgtgcaga taccagtcca ggggcgatg gtcggcagga atgtcgtcgt 12000
237 agcgtcgcg gcgacgggtac acggccgagt tggctcggat gaagtccatc aagatcaacg 12060
238 catccaggct caagtggccc cgcacccgaa ccgggggggaa cttcgagtcc ttggcatggc 12120
239 cgtcctccca tatcactcgg acgggatgga agcacaccgt cgtcttgggg tgccggctga 12180
240 ggaatgcgac ctgtttgctt agcttcagcg gatcgatcca gtagtcgtcc gcctcgcaca 12240
241 acgcgacgta ctgcgcgcga gcggccgaca gggcgccggt caggttccca ttgaggccga 12300
242 ggttttcggg cctgaagatc ggccggaaca cgtgcgggta ccgctcggcg tactcacgga 12360
243 tgatcgccgg ggtggcatcg gtcgacgcgt cgtcggcgac gatgatctcc accgggaagt 12420
244 cggtttgctg gtcgagaaag ctgtcgaagg cctgacgggc gtagcccgcc tggttgtgag 12480
245 tggtcgagac gatgctcacc ttggggcaaa gctggggact caccgtcggc ctttttcctg 12540
246 cgcggccgca agggatttgc gatggcgaac gtgaatcgcc tgtgcccgcc ggccgctcggc 12600
247 cgtcgtggcc tgggtggctgg cggacgtacg gcacacgctg gcgaagtata gcgaggggtg 12660
248 actgacgttg ggctcgaacc gcgtggcgcg cgggtggggc gcaccgtctc gagtccgtgc 12720
249 tggttggctc gc 12732
252 <210> SEQ ID NO: 2
253 <211> LENGTH: 289

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/802,796A

DATE: 12/15/2006  
TIME: 09:45:13

Input Set : E:\34950320.APP  
Output Set : N:\CRF4\12152006\J802796A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 99  
Seq#:13; N Pos. 21  
Seq#:17; N Pos. 5,190,268,279,382  
Seq#:18; N Pos. 7,17,21,38,51,82,100,103,112,115,121,176,231,241,243,250  
Seq#:18; N Pos. 284,285,293,297,348,379,422,441,489,507,527,531,544,555,578  
Seq#:19; N Pos. 84,94,179  
Seq#:20; N Pos. 17,47,107,154,225,229,232,450,453,476  
Seq#:21; N Pos. 6,7,34,38,53,55,86,101,118,135,159,177,180,184,204,227,228  
Seq#:21; N Pos. 232,264,352  
Seq#:22; N Pos. 51  
Seq#:23; N Pos. 1,131,132  
Seq#:24; N Pos. 136,166,208,251,295,313,334,349,354,377,405,437  
Seq#:25; N Pos. 29,199,280,302,325,331,368,374,375,395,401,423,426,432,444  
Seq#:26; N Pos. 180,224  
Seq#:27; N Pos. 53,161,226,242,306,335  
Seq#:28; N Pos. 48,69,115,136,139,146,157,182,236,246,253,256,264,265,274  
Seq#:28; N Pos. 278,280,290,301,312,314,321,335,337,349,358,377  
Seq#:29; N Pos. 163  
Seq#:31; N Pos. 94,195,216,282,446  
Seq#:32; N Pos. 352,371  
Seq#:33; N Pos. 62,85,160,165,204,217,260,279,282,292,300,301  
Seq#:34; N Pos. 7,74,189,196,198,224,238,323,326,332,350  
Seq#:37; N Pos. 126,134,137,141,147,164  
Seq#:42; N Pos. 19,121  
Seq#:46; N Pos. 125,155  
Seq#:48; N Pos. 364  
Seq#:49; N Pos. 89,117,183,353  
Seq#:50; N Pos. 24,118,120  
Seq#:51; N Pos. 24,25,34,39  
Seq#:52; N Pos. 16,29,80,108,407,436,439,443  
Seq#:53; N Pos. 155  
Seq#:55; N Pos. 239,337,379,391,398  
Seq#:56; N Pos. 21,171  
Seq#:57; N Pos. 106,305,339,373  
Seq#:58; N Pos. 309,328  
Seq#:59; N Pos. 40,134,139,336  
Seq#:60; N Pos. 154,155,322,334,347  
Seq#:61; N Pos. 349  
Seq#:62; N Pos. 323  
Seq#:64; N Pos. 160,377,423,428,448  
Seq#:65; N Pos. 30,63,153,155,162,302,313  
Seq#:71; N Pos. 403  
Seq#:73; N Pos. 298  
Seq#:74; N Pos. 19,76,197,387

**RAW SEQUENCE LISTING ERROR SUMMARY**  
**PATENT APPLICATION: US/10/802,796A**

DATE: 12/15/2006  
TIME: 09:45:13

Input Set : E:\34950320.APP  
Output Set: N:\CRF4\12152006\J802796A.raw

Seq#:77; N Pos. 37  
Seq#:79; N Pos. 58,273  
Seq#:81; N Pos. 29,164,174  
Seq#:82; N Pos. 379  
Seq#:84; N Pos. 37,263  
Seq#:86; N Pos. 71,139  
Seq#:88; N Pos. 70,249



## VERIFICATION SUMMARY

DATE: 12/15/2006

PATENT APPLICATION: US/10/802,796A

TIME: 09:45:13

Input Set : E:\34950320.APP

Output Set: N:\CRF4\12152006\J802796A.raw

L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:60  
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
M:341 Repeated in SeqNo=17  
L:676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
M:341 Repeated in SeqNo=18  
L:711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:60  
M:341 Repeated in SeqNo=19  
L:772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
M:341 Repeated in SeqNo=20  
L:879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
M:341 Repeated in SeqNo=21  
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
M:341 Repeated in SeqNo=23  
L:993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:120  
M:341 Repeated in SeqNo=24  
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
M:341 Repeated in SeqNo=25  
L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120  
M:341 Repeated in SeqNo=26  
L:1145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
M:341 Repeated in SeqNo=27  
L:1289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
M:341 Repeated in SeqNo=28  
L:1311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:120  
L:1364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:60  
M:341 Repeated in SeqNo=31  
L:1394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:300  
M:341 Repeated in SeqNo=32  
L:1460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60  
M:341 Repeated in SeqNo=33  
L:1528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
M:341 Repeated in SeqNo=34  
L:1602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:120  
L:1677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
M:341 Repeated in SeqNo=42  
L:1739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:120  
L:1775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:360  
L:1805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:60  
M:341 Repeated in SeqNo=49  
L:1835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0  
M:341 Repeated in SeqNo=50  
L:1861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0  
M:341 Repeated in SeqNo=52  
L:1938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:120  
L:1989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180

**VERIFICATION SUMMARY**

DATE: 12/15/2006

PATENT APPLICATION: US/10/802,796A

TIME: 09:45:13

Input Set : E:\34950320.APP

Output Set: N:\CRF4\12152006\J802796A.raw

M:341 Repeated in SeqNo=55

L:2012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0